



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : HPBM-40W-B-RET
Manufacturer : BLED

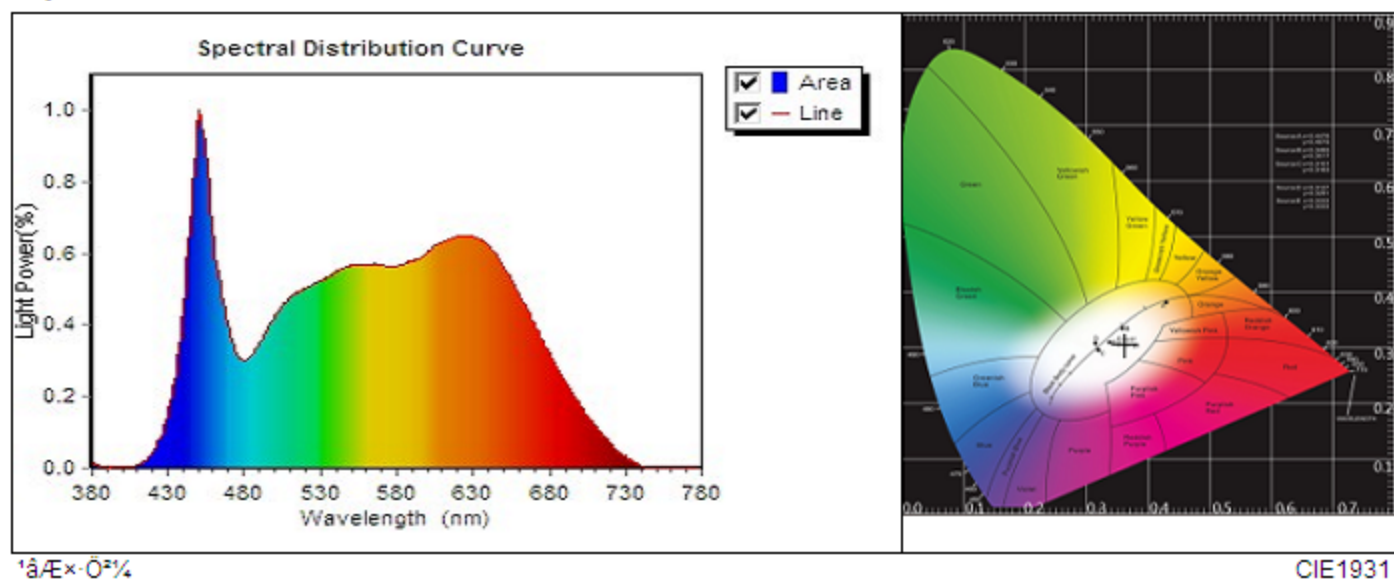
Test date. : 2024-09-20
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 46495 (70.9%)
Integral time. : 82ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3577$ $y=0.3466$ $u=0.2221$ $v=0.3227$ ($duv=-0.0075$)
Color temperature: $TC=4502$ K Color difference: $SDCM=12.9$ Main Wavelength: $\lambda_d=481.06$ nm Purity: $Purity=0.243$
Peak wavelength: $\lambda_p=451.1$ nm FWHM: $\Delta\lambda_p=23.0$ nm Color ratio: $R=21.07\%$ $G=74.41\%$ $B=4.52\%$

Color rendering index (Ra): $Ra=96.9$

$R1=97.1$ $R2=97.9$ $R3=94.1$ $R4=96.9$ $R5=97.9$ $R6=93.9$ $R7=97.4$ $R8=99.2$
 $R9=97.5$ $R10=95.4$ $R11=94.8$ $R12=76.8$ $R13=97.7$ $R14=96.0$ $R15=96.3$

Optical Parameter

Luminous flux: 3053.602 lm luminous efficiency: 73.23 lm/w Radiant flux: 10.8213 W

Electrical Parameter

Voltage: 230.6 V Current: 0.186 A Watts: 41.70 W Power factor: 0.969

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>